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November 13, 2015

VIA HAND-DELIVERY

Mr. Robert Stein, Chairman
Connecticut Siting Council
Ten Franklin Square
New Britain, CT 06051

Re: Petition of 2015 ESA Project Company, LLC for Declaratory Ruling

Dear Chairman Stein:

On behalf of 2015 ESA Project Company, LLC, a subsidiary of Bloom Energy, ("Bloom") we are submitting an original and fifteen (15) copies of the above-captioned Petition of ESA Project Company, LLC for a Declaratory Ruling ("Petition"), together with a filing fee of \$625.

The Petition requests that the Connecticut Siting Council approve the location and construction of an approximately 800-kilowatt Bloom fuel cell and associated equipment at 1755 Park Street (the Parkville Community Elementary School) in Hartford, Connecticut. An electronic copy of the filing has been emailed to Siting.Council@ct.gov. Please contact me at 860-509-6575 with any questions or if you need additional information.

Very truly yours,

BROWN RUDNICK LLP

By: 

Philip M. Small

Counsel for 2015 ESA Project Company, LLC

Enclosures

62226594 v1-WorkSiteUS-029819/0004

**STATE OF CONNECTICUT
CONNECTICUT SITING COUNCIL**

PETITION OF 2015 ESA PROJECT COMPANY, : PETITION NO. ____
LLC FOR THE LOCATION AND :
CONSTRUCTION OF AN APPROXIMATELY :
800 KILOWATT FUEL CELL CUSTOMER-SIDE :
DISTRIBUTED RESOURCE AT 1755 PARK :
STREET, HARTFORD, CONNECTICUT : November 13, 2015

PETITION OF 2015 ESA PROJECT COMPANY, LLC FOR A DECLARATORY RULING

Pursuant to Conn. Gen. Stat. §§ 4-176 and 16-50k(a) and Conn. Agencies Regs. § 16-50j-38 *et seq.*, 2015 ESA Project Company, LLC (“Company”), a subsidiary of Bloom Energy Corporation (“Bloom”), requests that the Connecticut Siting Council (“Council”) approve by declaratory ruling the location and construction of a customer-side distributed resources project comprised of an approximately 800 kilowatt (“KW”) (net) Bloom solid oxide fuel cell Energy Server facility and associated equipment (“Facility”) located on the site of the Parkville Community Elementary School (“Parkville School”) at 1755 Park Street, Hartford, Connecticut (the “Site”). *See* site plan attached as **Exhibit 1**. The Facility will be installed, owned and operated by the Company pursuant to an Energy Server Use and License Agreement (“Energy Server Agreement”) between the Company and the City of Hartford (“City”) dated June, 2015.

The Company has entered into a Virtual Net Metering Service Agreement with the City and The Connecticut Light and Power Company, d/b/a Eversource Energy (“Eversource”) to sell electricity to the City under Connecticut’s virtual net metering program. Additionally, during

power outages, the Facility will operate in microgrid mode and serve critical local facilities including the Parkville School (which could serve as a community shelter), and an adjacent supermarket, and gas station.

Conn. Gen. Stat. § 16-50k(a) provides that:

Notwithstanding the provisions of this chapter or title 16a, the council shall, in the exercise of its jurisdiction over the siting of generating facilities, approve by declaratory ruling . . . (B) the construction or location of any fuel cell, unless the council finds a substantial adverse environmental effect or of any customer-side distributed resources project or facility . . . with a capacity of not more than sixty-five megawatts, as long as such project meets air and water quality standards of the Department of Energy and Environmental Protection.”

As discussed fully in this petition, in addition to being a fuel cell facility, the Facility will be a customer-side distributed resources facility, as defined in Conn. Gen. Stat. §16-1(a)(38) (revised to January 1, 2015¹), under 65 megawatts (“MW”) that complies with the air and water quality standards of the Connecticut Department of Energy and Environmental Protection (“DEEP”). Additionally, the Facility will not have a substantial adverse environmental effect in the State of Connecticut.

I. COMMUNICATIONS

Correspondence and other communication regarding this petition should be directed to the following parties:

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CityPlace 1,185 Asylum Street
Hartford CT 06101
Telephone: (860) 509-6575
Fax: (860) 509-6575
Email: PSmall@brownrudnick.com

Amy Shanahan
Bloom Energy Corporation
1299 Orleans Drive
Sunnyvale, CA 94089
Telephone: (408) 543-1746
Fax: (408) 543-1501
Email: Amy.Shanahan@bloomenergy.com

¹ Formerly Conn. Gen. Stat. § 16-1(a)(43).

II. DISCUSSION

A. Background

The Facility will be an 800 KW customer-side distributed resources facility consisting of four (4) state-of-the-art Bloom Energy Servers and associated equipment. The Facility will be interconnected to the existing service switchboard inside of Parkville School. *See Exhibit 1.* During normal operating conditions, the electricity generated by the Facility will be consumed by the on-Site Parkville School, which will serve as the “customer host” under the Connecticut virtual net metering program, and the remaining electricity will be virtually net metered to other City buildings and facilities.

The Facility will be a “customer-side distributed resources” project because it will be “a unit with a rating of not more than sixty-five megawatts [and is located] on the premises of a retail end user within the transmission and distribution system including, but not limited to, fuel cells” Conn. Gen. Stat. § 16-1(a)(40)(A). Further, in its Final Decision in Docket No. 12-02-09, dated September 12, 2012, the Connecticut Public Utilities Regulatory Authority (“PURA”) determined that Bloom’s Energy Server qualifies as a Class I renewable energy source fuel cell as defined in Conn. Gen. Stat. §16 1(a)(26)(A).

The Facility was selected by the City of Hartford, in coordination with Eversource as part of DEEP’s Microgrid Program. The Facility was also a winning bidder in Eversource’s “Low and Zero Emissions Renewable Energy Credit Program”, Conn. Gen. Stat. §§ 16-244r, 16-244s, and 16-244t. As a result of that selection, the Company entered into a Standard Contract for the

Purchase and Sale of Connecticut Class I Renewable Energy Credits (“Standard Contract”) with Eversource, under which the Company will sell, and Eversource will purchase, Connecticut Class I Renewable Energy Credits generated by the Facility for a 15-year term. PURA recently approved the Facility’s selection by Eversource and its Standard Contract in PURA Docket No. 11-12-06.

B. The Site

The Facility will be installed on the Parkville School campus owned by the City of Hartford, Board of Education. The Site is a 4.23 acre parcel zoned B4 (Neighborhood Shopping District) under the City’s zoning regulations. The Facility will be located on a concrete service pad on the New Park Avenue side of the school building within an existing landscaped area. Minimal Site clearing, including minor tree remove, will be required. The portion of the Site that will be used for the Facility is shown on **Exhibit 1**. The Facility will be surrounded by a 4-foot high, black, architectural type fence with a locked entrance gate. As the Facility is close to New Park Avenue, there will also be a heavy timber type guardrail installed on the eastern site of the Facility to protect it from motor vehicles.

Prior to filing this petition, Company representatives received approval from City officials for the Facility. This includes the Energy Server Agreement signed by the City in June, 2015. The Facility is currently being reviewed by the City Planning Zoning Board and is expected to be approved in November, 2015.

C. The Facility

The Facility will consist of four (4) Bloom solid oxide fuel cell Energy Servers (two each oriented back to back) and associated equipment. The dimensions of the Energy Server are

approximately 29'-3" long, 4'-3" wide and 6'-9" high. The Energy Server module is enclosed, factory-assembled and tested prior to installation on the Site. See **Exhibit 2** for a data sheet and general installation overview for the Energy Server modules.

The Facility will be capable of producing approximately 800 KW of continuous, reliable electric power. The Facility will interconnect to the Site's distribution system and operate in parallel with the electric grid to provide the Site's electrical requirements. Any electricity generated in excess of the Site's requirements will be utilized to serve other City electric accounts under Eversource's PURA-approved virtual net metering tariff. The Microgrid Generator Interconnection Agreement between the City and Eversource was executed October 9, 2015.

The Energy Server will be fueled by natural gas supplied by Connecticut Natural Gas Company ("CNG"). Gas service will be delivered to the Energy Server via a new CNG gas meter assembly located adjacent to the Facility.

The Energy Server will have extensive hardware, software and operator safety control systems designed into the system in accordance with ANSI/CSA America FC 1-2004, the American National Standards Institute and Canadian Standards Association standard for Stationary Fuel Cell Power Systems. The Facility will be remotely monitored by Bloom 24 hours a day, seven days a week. If software or hardware safety circuits detect an unsafe condition, variation in temperature or gas pressure outside of operational parameters, fuel supply is automatically stopped and the system is shut down. Two manual fuel shut-off valves are provided at each installation site, and two normally closed, safety shut-off rated isolation valves

are installed within the system. The Facility will be installed in compliance with all applicable building, plumbing, electrical, fire and other codes.

The risk of fire related to the operation of the Energy Server is very low. In the Energy Server, natural gas is not burned; it is used in a chemical reaction to generate electricity. The natural gas is digested almost immediately upon entering the unit and is no longer combustible. As stated above, any variation in heat outside of the operational parameters will trigger an automatic shutdown of the Energy Server.

D. The Facility Complies with DEEP's Air and Water Quality Standards and Will Not Have a Substantial Adverse Environmental Effect

The construction and operation of the Facility will comply with DEEP's air and water quality standards and will not have a substantial adverse environmental effect.

Construction-related impacts will be minimal. The Facility will be located on a new concrete service pad on the New Park Avenue side of the building within a grassed area. All utilities will be installed within the concrete service pad and landscaped area along the side of the building. All utility trenches will be restored in-kind.

Conn. Agencies Regs. § 22a-174-42, which governs air emissions from new distributed generators, exempts fuel cells from air permitting requirements. Accordingly, no permits, registrations, or applications are required based on the actual emissions from the Facility. *See* Conn. Agencies Regs. §§ 22a-174-42(b) and (e). Notwithstanding this exemption, as shown below in Table 1, the Facility meets the Connecticut emissions standards for a new distributed generator.

Table 1: Connecticut Emissions Standards for a New Distributed Generator

Compound	Connecticut Emission Standard (lbs/MW-hr)²	Bloom Energy Server (lbs/MW-hr)
Oxides of Nitrogen (NO _x)	0.15	<0.01
Carbon Monoxide (CO)	1	<0.10
Carbon Dioxide (CO ₂)	1,650	735-832

With respect to water discharges, the Energy Servers are designed to operate without water discharge under normal operating conditions. During construction, appropriate soil erosion prevention techniques will be incorporated around the disturbed areas to minimize soil erosion. The area for the Facility will require some clearing and associated maintenance to ensure that proper clearance is met from the Energy Server to the surrounding greenery. However, due to the limited disturbance required for the Facility's installation, no construction-related storm water permits will be required. Further, only a very small amount of additional impervious area will be added to the Site, which will not affect drainage patterns or stormwater discharge.

The Facility will be located in a landscaped area on a lot that was previously developed and disturbed. Therefore, the construction and operation of the Facility will not have any adverse effects on endangered species, historical resources or surrounding areas. The acoustical impact of the Facility will be minimal. A site-specific sound study will be conducted and any necessary mitigation measures such as sound walls or acoustic fabric will be implemented to ensure the Facility will meet the applicable requirements for off-site noise receptors. Furthermore, although

² Conn. Agencies Regs. § 22a-174-42, Table 42-2.

the Facility will be approximately 16 feet from the Parkville School, no noise impact is expected inside the school.

E. NOTICE

The Company has provided notice of this petition to all persons and appropriate municipal officials and governmental agencies to whom notice is required to be given pursuant to Conn. Agencies Regs. § 16-50j-40(a).³ A copy of the notice letter and a service list is attached as **Exhibit 3**.

III. BASIS FOR GRANTING OF THE PETITION

Under Conn. Gen. Stat. § 16-50k(a), the Council is required to approve by declaratory ruling the construction or location of a customer-side distributed resources project or facility with a capacity of not more than 65 MW, as long as the facility meets DEEP air and water quality standards. The Facility meets each of these criteria. The Facility is a “customer-side distributed resources” project, as defined in Conn. Gen. Stat. § 16-1(a)(40)(A), because the Facility is “a unit with a rating of not more than sixty-five megawatts [and is located] on the premises of a retail end user within the transmission and distribution system including, but not limited to, fuel cells” and, as demonstrated above, will meet DEEP air and water quality

³ Conn. Agencies Regs. § 16-50j-40(a) requires that “[p]rior to submitting a petition for a declaratory ruling to the Council, the petitioner shall, where applicable, provide notice to each person other than the petitioner appearing of record as an owner of property which abuts the proposed primary or alternative sites of the proposed facility, each person appearing of record as an owner of the property or properties on which the primary or alternative proposed facility is to be located, and the appropriate municipal officials and government agencies [listed in Section 16-50l of the Connecticut General Statutes].”

standards. In addition, as demonstrated above, the construction and operation of the Facility will not have a substantial adverse environmental effect in the State of Connecticut.

IV. CONCLUSION

For the reasons stated above, the Company respectfully requests that the Council approve the location and construction of the Facility by declaratory ruling.

Respectfully submitted,

2015 BSA Project Company, LLC

By: 

Philip M. Small

Brown Rudnick, LLP

CityPlace 1, 185 Asylum Street

Hartford CT 06101

Telephone: (860) 509-6575

Fax: (860) 509-6575

Email: PSmall@brownrudnick.com

Its Attorney

EXHIBITS

Exhibit 1: Site Plan

Exhibit 2: Bloom Energy Server Product Datasheet and General Installation Overview

Exhibit 3: Notice Pursuant to Conn. Agencies Regs. § 16-50j-40(a)

62217089 v1-Worksite:US-029819/0004

EXHIBIT 1

N/F
 City of Hartford
 Board of Education
 Parkville Community School
 197,484 Sq. Ft.
 4.53 Ac.
 1755 Park Street

6400
 11600

**LIMIT OF DISTURBANCE
 AREA = 0.10 AC. (4,198 SF)**

THE AREA WITHIN THE CLOUDED AREA REPRESENTS THE APPROXIMATE LIMIT OF THE CURRENT SURVEY. THE CLOUDED LINE REPRESENTS THE APPROXIMATE LIMIT OF THE SURVEYED PLAN PREPARED BY MASER CONSULTING, P.A. AND AN OVERALL SURVEY PREPARED BY ALFRED BENESCH & COMPANY.

REPLACE SIDEWALK AS NEEDED FOR CONDUIT INSTALLATION AND WATER LINE RELOCATION

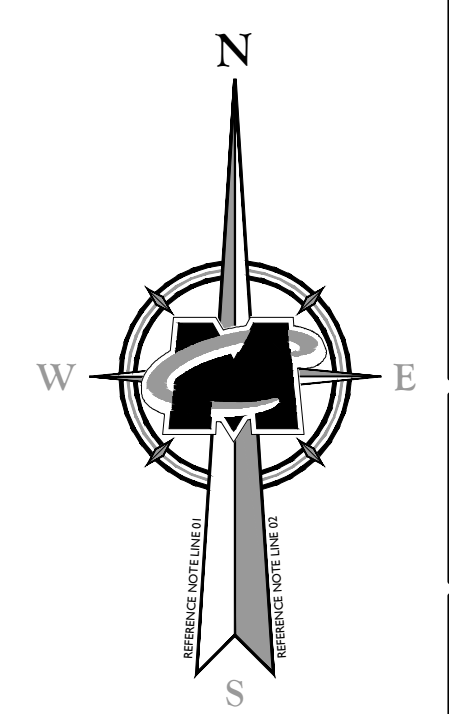
PROP. ENERGY SERVER, SEE MEP PLANS FOR DETAILED EQUIPMENT INFORMATION (TYP.)

PROP. CONCRETE SIDEWALK REPLACEMENT

PROP. CORE GRASS GEOTECH MAT

REPLACE SIDEWALK W/ 6" REINFORCED CONCRETE APRON AND DEPRESSED CURB

New Park Ave



VANZELM
 ENGINEERS
 VANZELM HEYWOOD & SHADFORD, INC.
 10 TALCOTT NOTCH FARMINGTON, CT 06032
 TEL: (860) 284-5064 FAX: (860) 284-5098

Constellation
 An Exelon Company

GI ENERGY, LLC
 ONE PENN PLAZA - SUITE 1410
 NEW YORK, NY 10119
 TEL: (646) 786-1256

Weston & Sampson

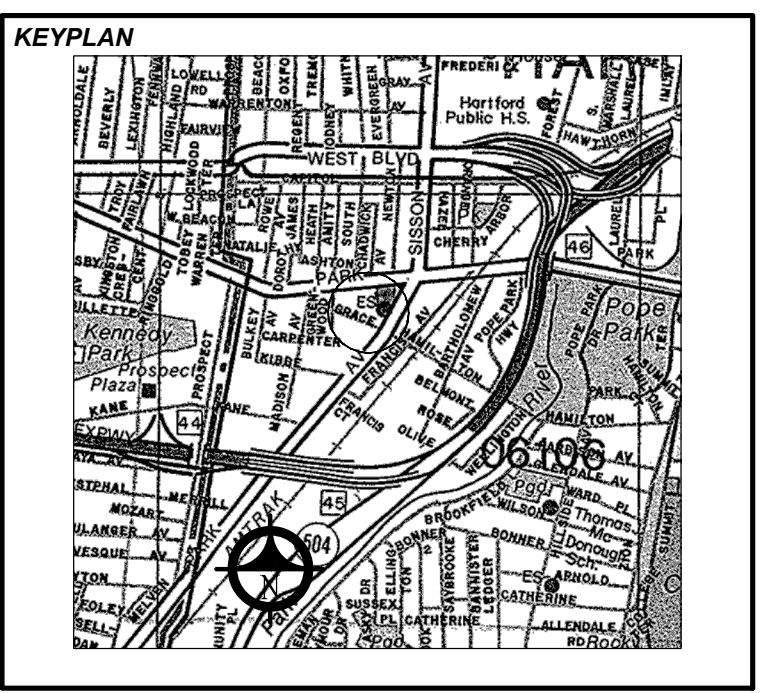
ESD

MASER CONSULTING
 CONNECTICUT

PROJECT NAME:
**PARKVILLE
 MICROGRID
 HARTFORD**

SITE PLAN NOTES

- BOUNDARY AND TOPOGRAPHIC INFORMATION SHOWN HEREON IS TAKEN FROM:
 A. A PLAN ENTITLED "TOPOGRAPHIC SURVEY FOR BLOOMGREEN-HARTFORD", SHEET 1 OF 1, DATED AUGUST 27, 2014, PREPARED BY MASER CONSULTING, P.A.
 B. A PLAN ENTITLED "PROPERTY BOUNDARY, TOPOGRAPHIC & GENERAL LOCATION SURVEY, PARKVILLE COMMUNITY SCHOOL", SHEET 1 OF 1, DATED OCTOBER 2012, PREPARED BY ALFRED BENESCH & COMPANY
- THE ACCURACY AND COMPLETENESS OF THIS INFORMATION HAS BEEN PROVIDED TO THE BEST ABILITY OF THE ENGINEER, HOWEVER, THE CONTRACTOR IS ADVISED TO VERIFY IN THE FIELD ALL THE FACTORS CONCERNING THE LOCATION OF ALL UTILITIES PRIOR TO BIDDING AND CONSTRUCTION. LOCATIONS OF EXISTING UNDERGROUND UTILITIES AS SHOWN ON THESE PLANS ARE TO BE CONSIDERED APPROXIMATE AND SHOULD BE VERIFIED BY THE CONTRACTOR.
- THIS SET OF PLANS HAS BEEN PREPARED FOR PURPOSE OF MUNICIPAL AND AGENCY REVIEW AND APPROVAL. THIS SET OF PLANS SHALL NOT BE UTILIZED AS CONSTRUCTION DOCUMENTS UNTIL ALL CONDITIONS OR APPROVALS HAVE BEEN SATISFIED ON THE DRAWINGS AND EACH DRAWING HAS BEEN REVISED TO INDICATE "ISSUED FOR CONSTRUCTION". THE CLIENT OR OWNER AND CONTRACTOR ARE RESPONSIBLE TO ASSURE THAT THE APPROVED PLANS ONLY, ARE USED FOR BIDDING AND CONSTRUCTION.
- DO NOT SCALE DRAWINGS AS THEY PERTAIN TO ADJACENT AND SURROUNDING PHYSICAL CONDITIONS, BUILDINGS, STRUCTURES, ETC. THEY ARE SCHEMATIC ONLY EXCEPT WHERE DIMENSIONS ARE SHOWN THEREON.
- EXISTING UTILITY INFORMATION SHOWN HEREON HAS BEEN COLLECTED FROM VARIOUS SOURCES AND CANNOT BE GUARANTEED AS TO ACCURACY OR COMPLETENESS. THE CONTRACTOR SHALL VERIFY ALL INFORMATION TO HIS SATISFACTION PRIOR TO EXCAVATION. WHERE EXISTING UTILITIES ARE TO BE GROSSED BY PROPOSED CONSTRUCTION, TEST PITS SHALL BE RUN BY THE CONTRACTOR PRIOR TO CONSTRUCTION TO ASCERTAIN EXISTING INVERTS, MATERIALS AND SIZES. TEST PIT INFORMATION SHALL BE GIVEN TO THE ENGINEER PRIOR TO CONSTRUCTION. TO PERMIT ADJUSTMENT AS REQUIRED TO AVOID CONFLICTS.
- FINAL LOCATIONS, NUMBERS AND SIZE OF ALL PROPOSED UTILITIES SERVICING BUILDINGS ARE TO BE VERIFIED WITH THE ARCHITECT, OWNER AND APPROPRIATE UTILITY AUTHORITY BY THE CONTRACTOR.
- ALL MATERIALS, WORKMANSHIP, AND CONSTRUCTION FOR SITE IMPROVEMENTS SHOWN HEREON SHALL BE IN ACCORDANCE WITH THE CITY OF HARTFORD AND STATE STANDARDS.
- THE CONTRACTOR IS RESPONSIBLE FOR PROVIDING ALL APPROPRIATE SAFETY DEVICES AND TRAINING TO ALL WORKERS IN ORDER TO MAINTAIN SAFE CONDITIONS ON THE PROJECT SITE.
- THE CONTRACTOR IS RESPONSIBLE FOR ALL REQUIRED CONSTRUCTION PERMITS NECESSARY FOR THE CONSTRUCTION AND COMPLETION OF THE APPROVED IMPROVEMENTS.
- THE CONTRACTOR IS RESPONSIBLE FOR THE PROPER REMOVAL AND DISPOSAL OF ANY AND ALL EXISTING OBJECTS, STRUCTURES, ETC. THAT ARE IN THE WAY OF PROPOSED CONSTRUCTION OR INDICATED AS TO BE REMOVED.
- ALL PROPOSED SPOT ELEVATIONS ARE GRADE OR BOTTOM FACE OF CURB UNLESS OTHERWISE NOTED.
- WALKWAYS SHOULD SLOPE AWAY FROM BUILDINGS AT A MAXIMUM PITCH OF 1/4 INCH PER FOOT (2%). HANDICAP RAMPS ARE TO HAVE A MAXIMUM SLOPE OF 1" PER FOOT (8%).
- PAVING, SIDEWALKS AND CURBING TO BE REMOVED SHALL BE SAW CUT OR REMOVED TO THE NEAREST EXPANSION JOINT.



REVISIONS		
REV. NO.	DATE	DESCRIPTION

PAUL M. STERBENZ
 CONNECTICUT PROFESSIONAL
 ENGINEER - LICENSE NUMBER: PEN 28276

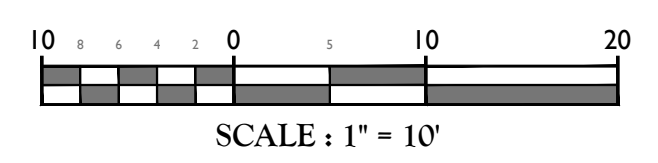
DRAWING TITLE:
SITE PLAN

DATE: 10/07/2015
 DRAWN BY: EHD
 CHECKED BY: CRR
 SCALE: AS SHOWN
 PROJ #: 51159

DRAWING NUMBER:
C-2

LEGEND

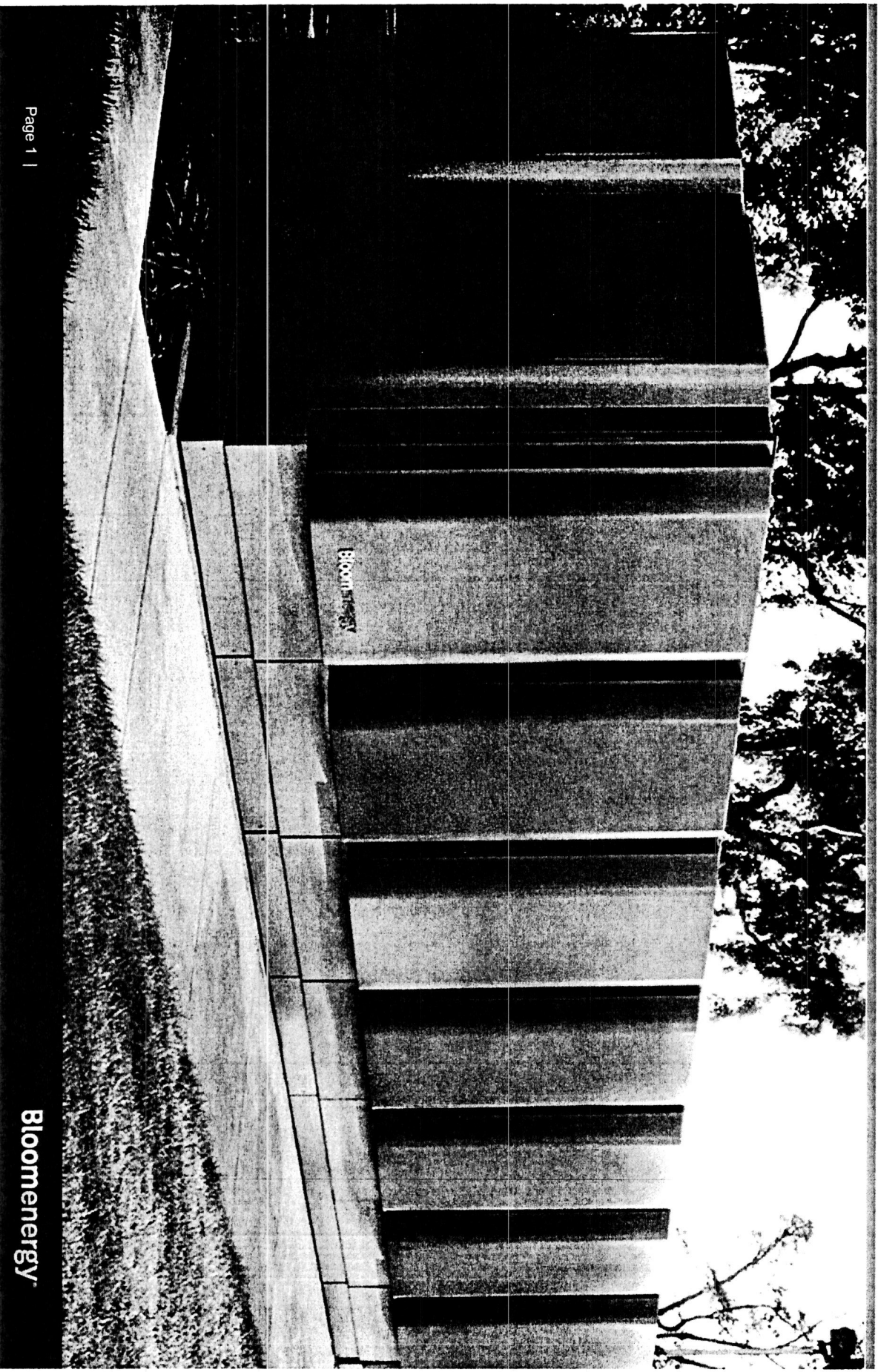
EXISTING	PROPOSED
12+00	12+00
13+00	13+00
TRaverse LINE, CENTER LINE OR BASELINE (LABEL AS SUCH)	
RIGHT OF WAY LINE	
PROPERTY LINE	
EDGE OF PAVEMENT	
CURB	
DEPRESSED CURB	
SIDEWALK	
FENCES	
ROADWAY SIGNS	
SETBACK LINE	
LIMIT OF DISTURBANCE	
CONC. PAVEMENT	
GRASS AREA	
GRAVEL	

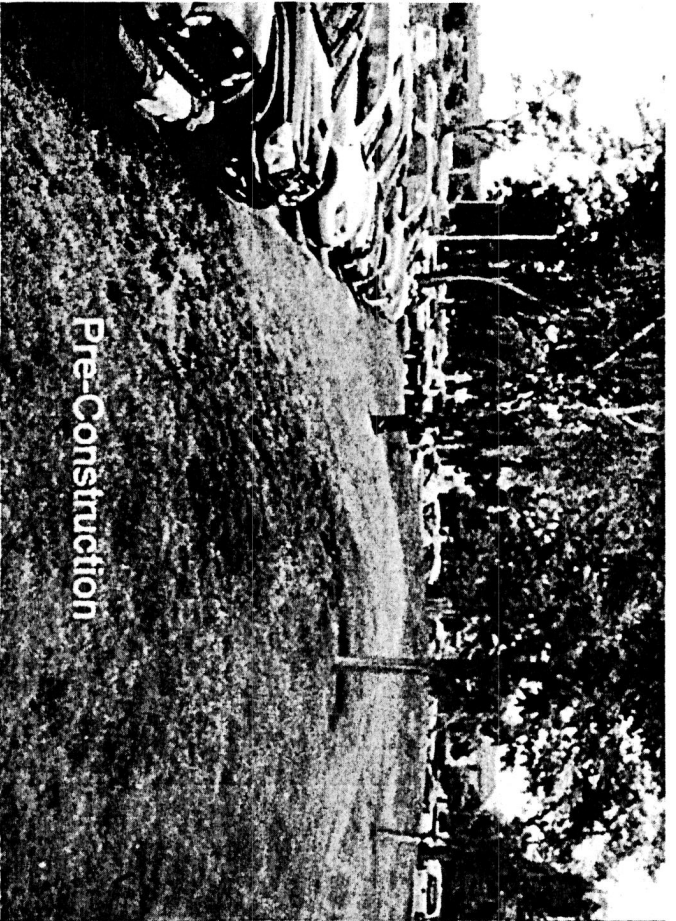


**FOR CLIENT REVIEW
 NOT FOR CONSTRUCTION**

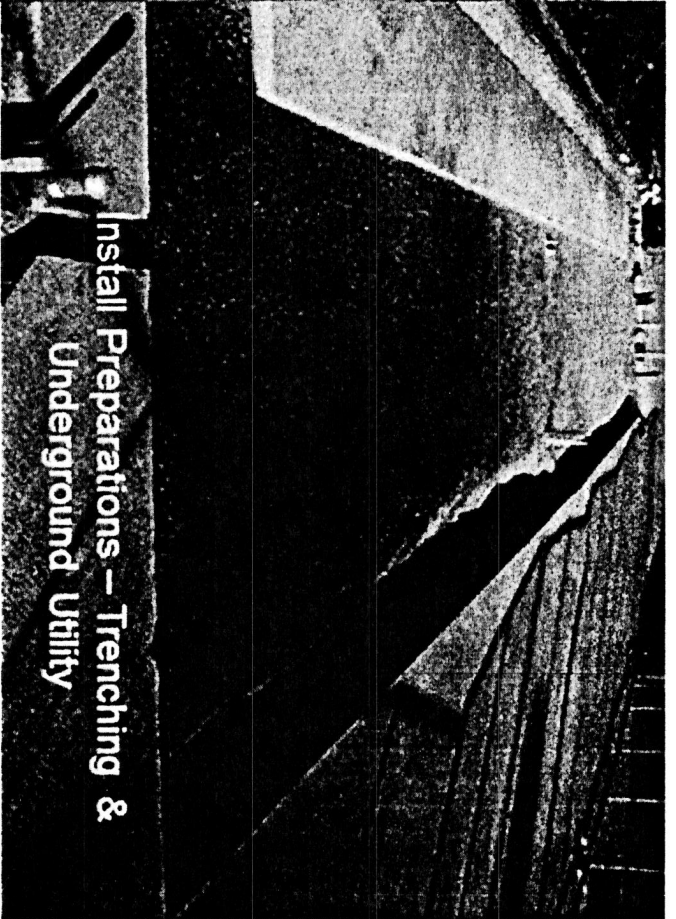
EXHIBIT 2

Bloom Energy Server

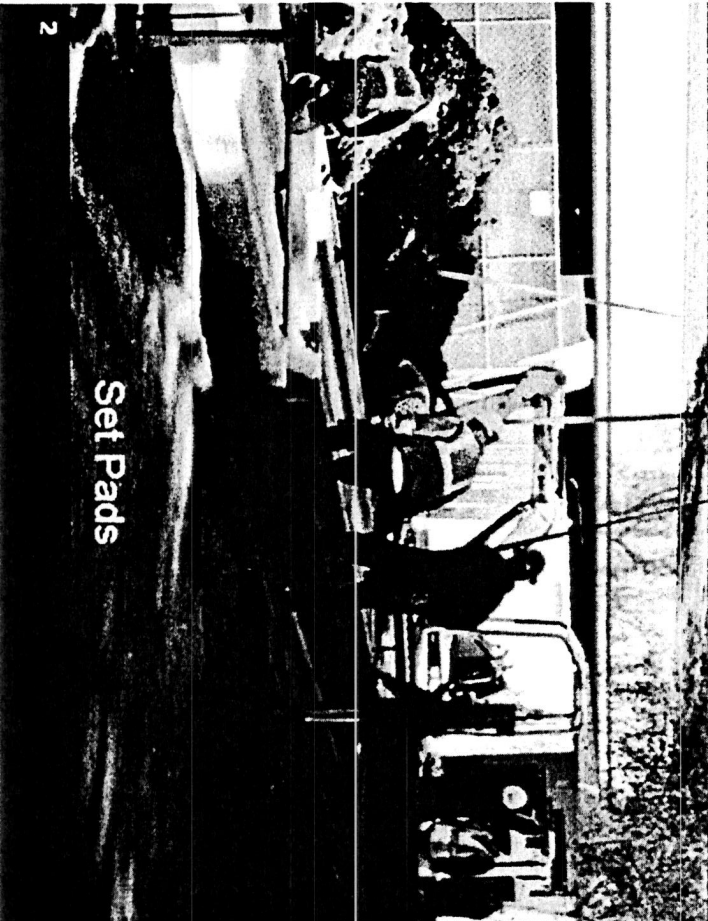




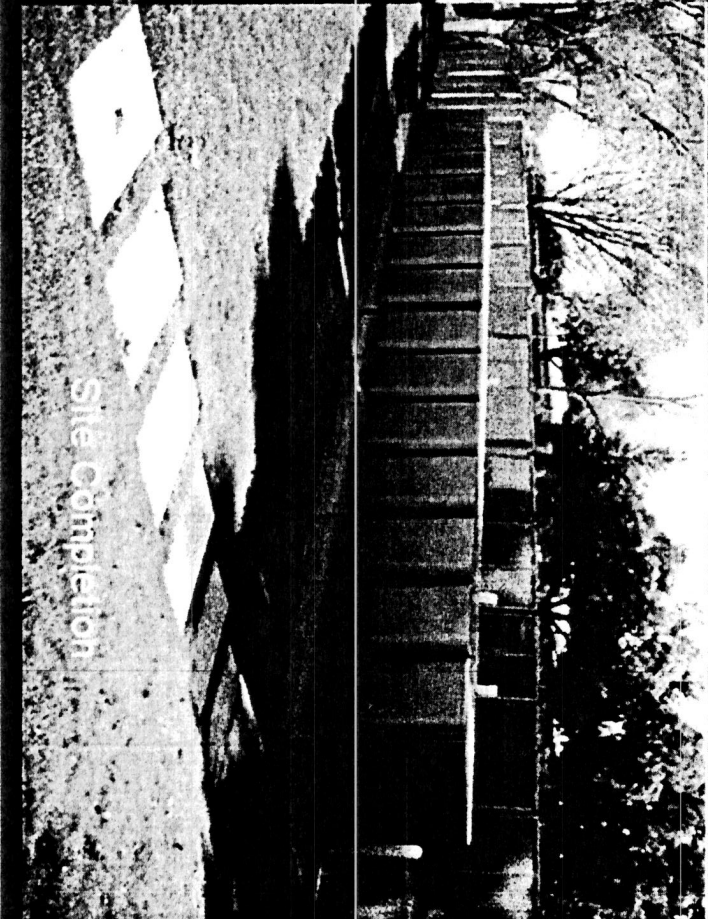
Pre-Construction



Install Preparations – Trenching & Underground Utility

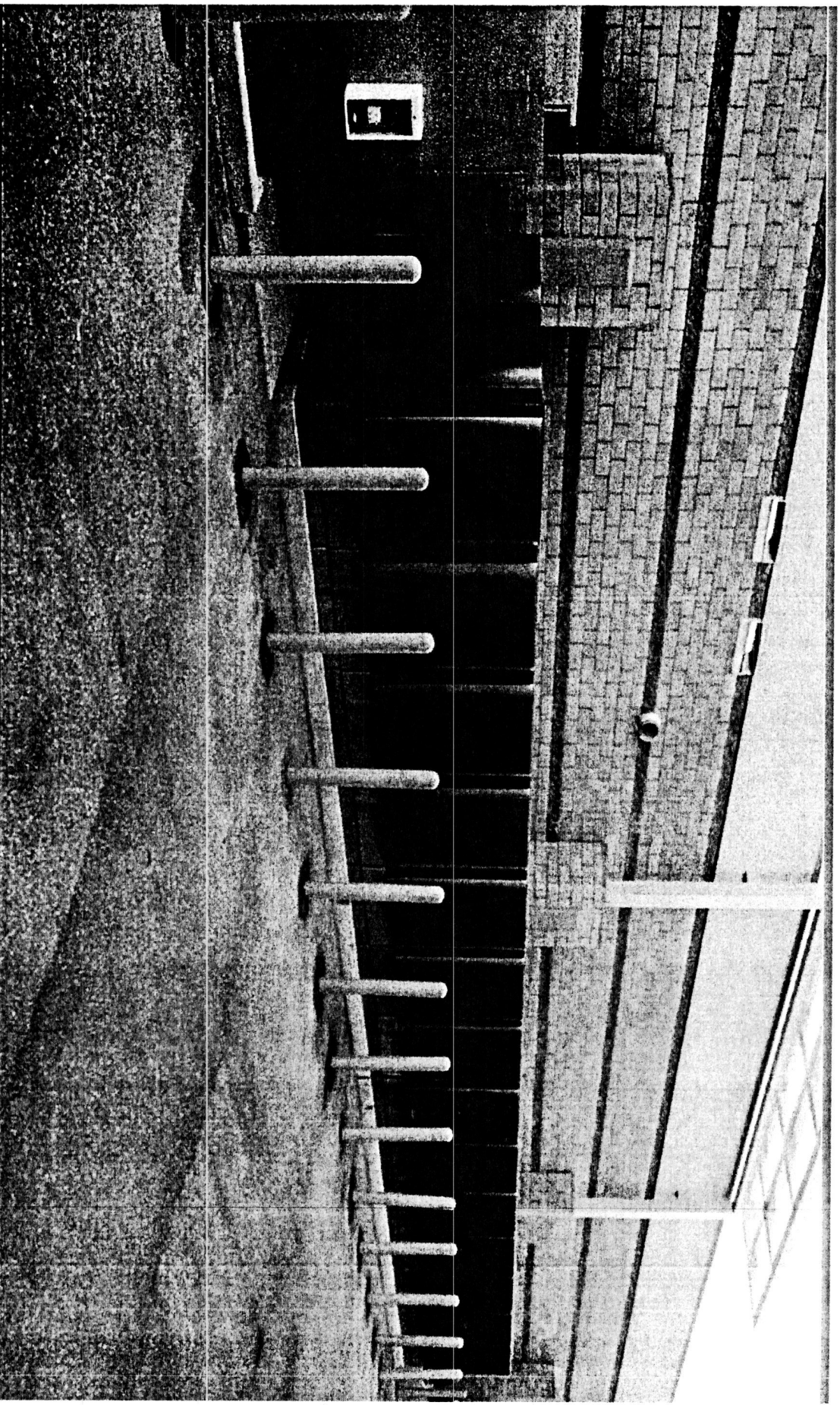


Set Pads

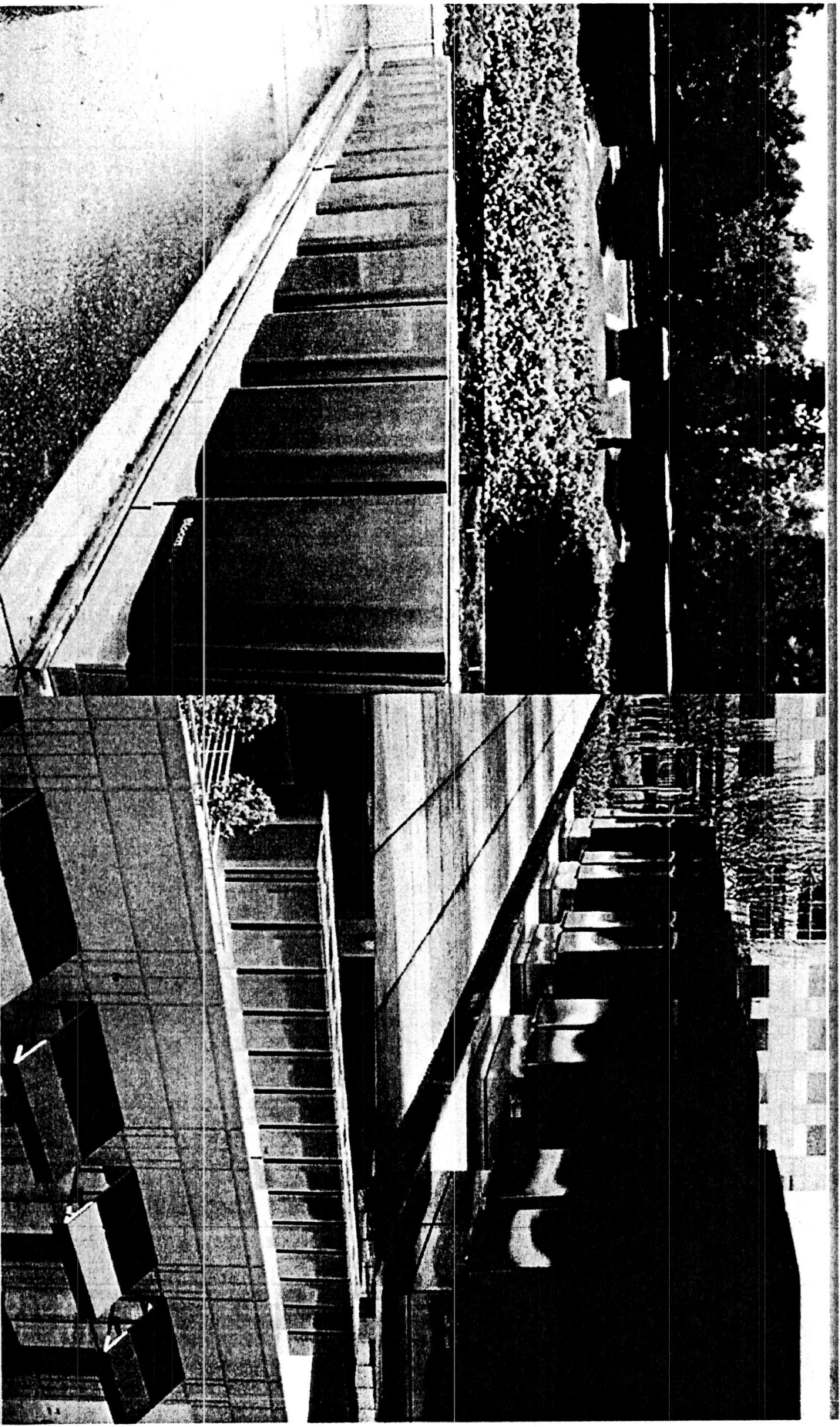


Site Completion

Bloom Energy Server Installation



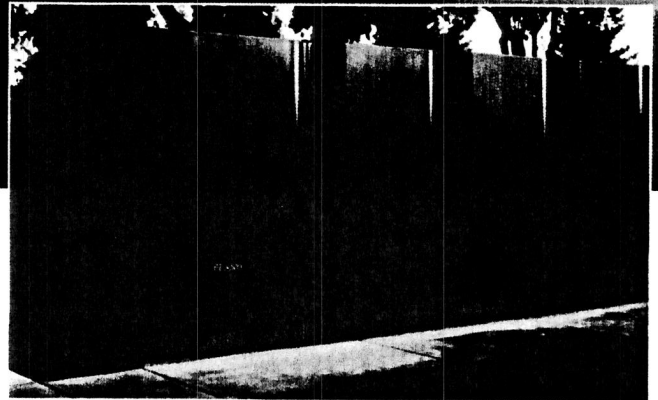
Representative Installations



Bloomenergy®

Energy Server 5

Clean, Reliable, Affordable Energy



CLEAN, RELIABLE POWER ON DEMAND

Bloom Energy's Energy Server 5 delivers clean power that reduces emissions and energy costs. The modular architecture enables the installation to be tailored to the actual electricity demand, with a flexibility to add servers as the load increases. The Energy Server 5 actively communicates with Bloom Energy's network operations centers so system performance can be monitored and maintained 24 hours per day, 365 days per year.

INNOVATIVE TECHNOLOGY

Utilizing patented solid oxide fuel cell (SOFC) technology, the Energy Server 5 produces combustion-free power at unprecedented efficiencies, meaning it consumes less fuel and produces less CO₂ than competing technologies. Additionally, no water is needed under normal operating conditions.

ALL-ELECTRIC POWER

The Energy Server 5, which operates at a very high electrical efficiency, eliminates the need for complicated and costly CHP systems. Combining the standard electrical and fuel connections along with compact footprint and sleek design, the Energy Server 5 is the most deployable fuel cell on the market.

CONTROLLED AND PREDICTABLE COST

By providing efficient on-site power generation, the economic and environmental benefits are central to the Energy Server 5 value proposition. Bloom Energy customers can lock in their long term energy costs and mitigate the risk of electricity rate increases. The Energy Server 5 has been designed in compliance with a variety of safety standards and is backed by a comprehensive warranty.

About Bloom Energy

Bloom Energy is making clean, reliable energy affordable. Our unique on-site power generation systems utilize an innovative fuel cell technology with roots in NASA's Mars program. By leveraging breakthrough advances in materials science, Bloom Energy systems are among the most efficient energy generators, providing for significantly reduced operating costs and dramatically lower greenhouse gas emissions. Bloom Energy Servers are currently producing power for many Fortune 500 companies including Apple, Google, Walmart, AT&T, eBay, Staples, as well as notable non-profit organizations such as Caltech and Kaiser Permanente.

Headquarters:

Sunnyvale, California

For More Information:

www.bloomenergy.com

Energy Server 5

Technical Highlights (ES5-AA1AA0)	
Outputs	
Nameplate power output (net AC)	262.5 kW
Base load output (net AC)	250 kW
Electrical connection	480 V, 3-phase, 60 Hz
Inputs	
Fuels	Natural gas, directed biogas
Input fuel pressure	10-18 psig (15 psig nominal)
Water	None during normal operation
Efficiency	
Cumulative electrical efficiency (LHV net AC)	53-60%
Heat rate (HHV)	6,295-7,127 Btu/kW
Emissions	
NOx	< 0.01 lbs/MWh
SOx	Negligible
CO	< 0.10 lbs/MWh
VOCs	< 0.02 lbs/MWh
CO ₂ @ stated efficiency	735-832 lbs/MWh on natural gas; carbon neutral on directed biogas
Physical Attributes and Environment	
Weight	13.7 tons
Dimensions (variable layouts)	15' 8" x 8' 9" x 6' 10" or 30' 4" x 4' 5" x 6' 10"
Temperature range	-20° to 45° C
Humidity	0% - 100%
Seismic vibration	IBC site class D
Location	Outdoor
Noise	< 70 dBA @ 6 feet
Codes and Standards	
Complies with Rule 21 interconnection and IEEE1547 standards	
Exempt from CA Air District permitting; meets stringent CARB 2007 emissions standards	
Designed to ANSI/CSA America FC 1-2014	
Additional Notes	
Access to a secure website to monitor system performance & environmental benefits	
Remotely managed and monitored by Bloom Energy	
Capable of emergency stop based on input from the site	



Bloom Energy Corporation
 1299 Orleans Drive
 Sunnyvale CA 94089
 T 408 543 1500
 www.bloomenergy.com

EXHIBIT 3

PHILIP M. SMALL
direct dial: (860) 509-6575
psmall@brownrudnick.com

185 Asylum
Street
Hartford
Connecticut
06103
tel 860.509.6500
fax 860.509.6501

November 12, 2015

VIA FIRST CLASS MAIL

Notice List Recipients

RE: ESA Project Company, LLC's Petition to the Connecticut Siting Council for Declaratory Ruling

Dear Sir/Madam:

Pursuant to Section 16-50j-40 of the Connecticut Siting Council's (the "Council") regulations, we are notifying you that ESA Project Company, LLC, a subsidiary of Bloom Energy Corporation, intends to file on or shortly after November 13, 2015, a Petition for Declaratory Ruling with the Council (the "Petition"). The Petition will request the Council's approval of the location and construction of an approximately 800-kilowatt Bloom fuel cell and associated equipment (the "Facility"). The Facility will be located on the site of the Parkville Community Elementary School (the "Parkville School") at 1755 Park Street, Hartford, Connecticut. The Facility will be a "grid-side distributed resources" facility (as defined in Connecticut General Statute §16-1(a)(37)), under 65 megawatts that complies with the air and water quality standards of the Connecticut Department of Energy and Environmental Protection and will have no adverse environmental effect in the State of Connecticut. Electricity generated by the Facility will be used by the Parkville School with any excess electricity being used by the City of Hartford.

If you have any questions regarding the Facility, please contact any of the following:

Amy Shanahan
Bloom Energy Corporation
1299 Orleans Drive
Sunnyvale, CA 94089
Telephone: (408) 543-1746
Fax: (408) 543-1501
Email:
Amy.Shanahan@bloomenergy.com

Philip M. Small, Esq.
Brown Rudnick LLP
185 Asylum Street, 38th Floor
Hartford, CT 06103
Tel: (860) 509-6575
Fax: (860) 509-6501
E-mail:
psmall@brownrudnick.com

Connecticut Siting Council
Ten Franklin Square
New Britain, CT 06051
Tel: (860) 827-2935
Fax: (860) 827-2950
E-mail: siting.council@ct.gov

Sincerely,


BROWN RUDNICK LLP
Philip M. Small

62226519

NOTICE LIST

LOCAL AND STATE OFFICIALS

<i>MUNICIPAL OFFICIAL/AGENCY</i>	<i>NAME/ADDRESS</i>
Hartford Chief Elected Officer	Pedro Segarra, Mayor Office of the Mayor City of Hartford 550 Main Street, Room 200 Hartford, CT 06103
Hartford Planning and Zoning Commission	Sara C. Bronin, Chairman Planning & Zoning Commission City of Hartford 250 Constitution Plaza 4th Floor Hartford, CT 06103
Hartford Inland Wetlands Agency	Thomas E. Deller, Chairman Inland Wetlands Agency City of Hartford 250 Constitution Plaza 4th Floor Hartford, CT 06103
Hartford Planning Division	Khara C. Dodds, Director Planning Division City of Hartford 250 Constitution Plaza 4th Floor Hartford, CT 06103
Hartford & West Hartford Regional Planning Agency	Capitol Region Council of Governments 241 Main Street, 4th Floor Hartford, CT 06106-1274
Hartford State Senator – 1st District	John Fonfara, State Senator Legislative Office Building, Room 3700 Hartford, CT 06106-1591
Hartford State Senator – 2nd District	Eric D. Coleman Legislative Office Building, Room 2500 Hartford, CT 06106-1591

<i>MUNICIPAL OFFICIAL/AGENCY</i>	<i>NAME/ADDRESS</i>
Hartford State Representative – 1st District	Matthew Ritter, State Representative Legislative Office Building, Room 3004 Hartford, CT 06106-1591
Hartford State Representative – 3rd District	Minnie Gonzalez, State Representative Legislative Office Building, Room 4031 Hartford, CT 06106-1591
Hartford State Representative – 4th District	Angel Arce, State Representative Legislative Office Building, Room 4000 Hartford, CT 06106-1591
Hartford State Representative – 5th District	Brandon L. McGee, Jr., State Representative Legislative Office Building, Room 4000 Hartford, CT 06106-1591
Hartford State Representative – 7th District	Douglas McCrory Legislative Office Building, Room 4053 Hartford, CT 06106-1591
Hartford State Representative – 6th District	Edwin Vargas, State Representative Legislative Office Building, Room 4000 Hartford, CT 06106-1591
West Hartford Chief Elected Official	Scott Slifka, Mayor Town of West Hartford 50 South Main Street West Hartford, CT 06107
West Hartford Town Planner	Todd Dumais, Town Planner Town of West Hartford 50 South Main Street West Hartford, CT 06107
West Hartford Conservation Commission	Brian McCarthy, Chairman Conservation & Environment Commission Town of West Hartford 50 South Main Street West Hartford, CT 06107

<i>MUNICIPAL OFFICIAL/AGENCY</i>	<i>NAME/ADDRESS</i>
West Hartford Planning and Zoning/Inland Wetlands and Watercourses Commission	Kevin Ahern, Chairman Planning & Zoning/Inland Wetlands Comm'n Town of West Hartford, Room 214 50 South Main Street West Hartford, CT 06107
West Hartford State Representative 18th District	Andy Fleischmann, State Representative Legislative Office Building, Room 3101 Hartford, CT 06106-1591
West Hartford State Representative 19th District	Brian Becker, State Representative Legislative Office Building, Room 4009 Hartford, CT 06106-1591
West Hartford State Representative 20th District	Joe Verrengia, State Representative Legislative Office Building, Room 4048 Hartford, CT 06106-1591
West Hartford State Senator	Beth Bye, State Senator Legislative Office Building, Room 2700 Hartford, CT 06106-1591
Connecticut Attorney General	George Jepsen, Attorney General Office of the Attorney General 55 Elm Street Hartford, CT 06106
State Department of Energy and Environmental Protection	Rob Klee, Commissioner Department of Energy and Environmental Protection 79 Elm Street Hartford, CT 06106-5127
State Public Utilities Regulatory Authority	Arthur House, Chairman Public Utilities Regulatory Authority Department of Energy and Environmental Protection 10 Franklin Square New Britain, CT 06051

<i>MUNICIPAL OFFICIAL/AGENCY</i>	<i>NAME/ADDRESS</i>
State Department of Public Health	Dr. Jewel Mullen, Commissioner Department of Public Health 410 Capitol Avenue P.O. Box 340308 Hartford, CT 06134
State Council on Environmental Quality	Susan D. Merrow, Chair Council on Environmental Quality 79 Elm Street Hartford, CT 06106
State Department of Agriculture	Steven K. Reviczky, Commissioner Department of Agriculture 165 Capitol Avenue Hartford, CT 06106
Office of Policy & Management	Benjamin Barnes, Secretary Office of Policy and Management 450 Capitol Avenue Hartford, CT 06106
State Department of Economic & Community Development	Catherine Smith, Commissioner Department of Economic and Community Development 505 Hudson Street Hartford, CT 06106
State Department of Transportation	James P. Redeker, Commissioner Department of Transportation 2800 Berlin Turnpike Newington, CT 06111
Any Federal Agencies with Jurisdiction Over the Site	None

ABUTTERS

<i>Map No.</i>	<i>GIS</i>	<i>ABUTTER NAME & MAILING ADDRESS</i>
1.	136478141	City of Hartford, Board of Education 1755 Park St. Hartford, CT 06106-2160
2.	136392203	Joaquim E. Santo 1835 Park St. Hartford, CT 06106-2121
3.	136392204	Mi Casa Realty Corp. 7 Tappentown Lane Glen Head, NY 11545-3320
4.	136393224	Sherwood Holdings, LLC 1718 Park St. Hartford, CT 06106
5.	136393225	Leon Silverman 237 Mamaroneck Ave. Lower Level White Plains, NY 10605-1319
6.	159399026	Hartford Oil Corp. 1620 Park St. Hartford, CT 06106-2131
7.	159480017	Antonio P. Rodrigues c/o Allen Schafer 1947 Main St. East Hartford, CT 06108-1025
8.	136480236	Adam Property, LLC 28 Peach Hill Rd. Wethersfield, CT 06109
9.	136480237	Rose Marie Estate Balletti 156 Main St. Newington, CT 06111-1402
10.	136480238	Charles Desjardins 20 New Park Ave. Hartford, CT 06106-2122

11.	136480239	Charles Desjardins 20 New Park Ave. Hartford, CT 06106-2122
12.	136480240	Carlos Cristovao 12 Schanck Rd. East Windsor, CT 06088-9792
13.	136480241	David Passamano 9 Apple Lane Moodus, CT 06469
14.	136480242	Virgolina C. Pereira 32 New Park Ave. Hartford, CT 06106-2122
15.	136480243	Jose L. Pereira 38 New Park Ave. Hartford, CT 06106-2122
16.	136480244	Mary L. Matias 28 Pinnacle Ridge Rd. Farmington, CT 06032-3008
17.	136480245	Maria Cadete 46 New Park Ave. Hartford, CT 06106-2122
18.	136480246	Domingo Resto 50 New Park Ave. Hartford, CT 06106-2122
19.	136478140	Grace Episcopal Church For Church Purposes Inc. Donations and Bequests 55 New Park Ave. Hartford, CT 06106-2123
20.	137479078	Our Lady of Sorrows Parish Corp. Our Lady of Sorrows Church 79 New Park Ave. Hartford, CT 06106-2177

21.	136479131	Our Lady of Sorrows Parish Corp. Our Lady of Sorrows Church 37 Grace Street Hartford, CT 06106-2108
22.	136478139	Karla C. Delena 30 Grace Street Hartford, CT 06106-2107
23.	136478142	Joaquim J. C. Santo 1835 Park St. Hartford, CT 06106-2121
24.	136383178	Adriano Couceiro 54 Colonial Drive Wethersfield, CT 06109-2506

